

STATE OF ILLINOIS

ORIGINAL RECEIVED

AUG 3 2006

ILLINOIS COMMERCE COMMISSION

Petition for permission to make a major change in crossing protection, or to install new protection under 92 Illinois Administrative Code 1535.400 (d).

Illinois Commerce Commission
RAIL SAFETY SECTION

Date: July 31, 2006

To the ILLINOIS COMMERCE COMMISSION:

The petitioner Norfolk Southern Railway Company shows

- (1) That it is a railroad company operating a line of railroad in the State of Illinois.
- (2) That petitioner proposes and hereby makes an application for authority to make a major change in crossing protection or to install new protection under 92 Illinois Administrative Code 1535.400(d) adopted by this Commission.
- (3) That the location of the crossing, nature of protection now established and proposed protection to be established, and other pertinent facts in connection therewith, are set forth in the statement attached to and forming part of this petition.
- (4) That petitioner's reasons and purpose, with reference to its said proposal are to:

Modify Crossing Control Shelter and Train Detection Equipment

at: 13th Street in Springfield, Sangamon County, Illinois, MP. DH-413.22, DOT: 479-3121

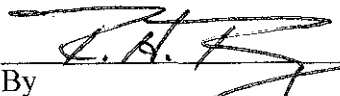
File No. 061-04.0215

Project No. 04.0563

- (5) That the facts set forth in this petition and in the statement and plans or plats attached thereto, are, all of them, true and correct to the best of petitioner's knowledge and belief.

WHEREFORE, the petitioner prays that the Commission will, if deemed desirable by the Commission, set the aforesaid matter for a hearing, and that the Commission enter an order or adopt a resolution consenting to and granting authority for the making of the said proposed changes in or additions to the crossing protection.

Norfolk Southern Railway Company

By 
R. H. Ray, Administrator
Highway Grade Crossings

Thomas W. Ambler
(Attorney for Petitioner)

Norfolk Southern Corporation
Three Commercial Place
Norfolk, VA 23510-2191
(Attorney's Address)

DOCKETED

Statement, attached to and part of an application for permission to make a major change in crossing protection or to install new protection, under 92 Illinois Administrative Code 1535.400(d).

1. Name of Railroad Company: Norfolk Southern Railway Company
2. Crossing Number: 479 312J
3. Village or City: Springfield
4. Name of Street or Highway: ~~Jefferson~~ 13th St
5. Public Agency Maintaining Highway: City
6. Protection now established:
- Railroad Crossing Flashing Light Signals and Gates on single track.
7. Protection desired:
- Automatic Flashing Light Warning Devices with Gates and Bells. Train Detection Equipment
controlled by Constant Warning Time Circuitry on Single Track.
8. Number of main tracks One Other tracks None
9. Number of passenger movements:
- 6 a.m. to 6 p.m. None 6 p.m. to 6 a.m. None
10. Number of freight train movements:
- 6 a.m. to 6 p.m. Nine 6 p.m. to 6 a.m. Thirteen
11. Approximate number of switch movements:
- 6 a.m. to 6 p.m. Six 6 p.m. to 6 a.m. Two
12. Maximum speed of trains at crossing on each track in each direction:
- North/East 40 M.P.H. Single Main Track
- South/West 40 M.P.H. Single Main Track
13. Passenger platforms served by tracks within the limits of track circuits, if any None

14. Where automatic signals or gates are proposed, approximate number of train or engine movements

daily which would cause false indications or operation:

None

15. Nature and approximate amount of street or highway traffic over crossing:

10600 A.A.D.T.

16. In addition to the information listed hereinbefore in Form 3, attach a track plan or plat of the proposed crossing. This plan should show:

- (a) Width and surface of highway.
- (b) Highway intersections (including private driveways to be so indicated) and location of established highway signs or signals within 100 feet of crossing.
- (c) Location of tracks, switches and other railroad facilities such as block signals, etc. within limits of track circuits, present and/or proposed.
- (d) Where automatic protection is proposed, show proposed location of signals (side lights, cantilevers, etc., if any).
- (e) Show the length of each operating track section within the control limits of the crossing protection and its function.

ADDITIONAL INFORMATION

Drawing attached for question no. 16

VERIFICATION

I, R. H. Ray, first being duly sworn upon oath depose and say that I am
Administrator – Highway Grade Crossings, of Norfolk Southern Railway Company, a
Virginia corporation; that I have read the above and foregoing petition by me subscribed and know the
contents thereof; that said contents are true in substance and in fact, except as to those matters stated upon
information and belief, and as to those, I believe same to be true.



Administrator - Highway Grade Crossings

Subscribed and sworn to before me this 31 th.
day of July, 20 06.

(Witness or Notary)

Notary Public - Georgia

My Commission Expires: _____



31-Jul-06

Detailed Estimate for Grade Crossing Warning Devices

City/State: SPRINGFIELD, IL
MilePost: DH-413.22
State Proj. No.:
S&E Proj. No.: 04.0563
Man Days: 260

Road: 13TH ST. & RESERVOIR
DOT/AAR: 479312J
County: SANGAMON
AFE: F03309
File Number: 061-04.0215

Purchases - Others	
Meals and Lodging:	\$24,463.30
Rental of Equipment:	\$53,482.00
(2 Trucks, 1 Backhoe w/ Trailer and 1 Pipe-Pusher for 65 Days)	
Construction Supervision Vehicle:	\$4,278.56
Purchases - Other Total:	\$82,223.86
Material And Additives	
Material Cost:	\$66,284.00
Sales and Use Tax:	\$3,314.00
Material Handling Freight:	\$3,314.21
Material Total:	\$72,912.21
Labor And Additives	
Labor Cost:	\$62,920.00
(4 man crew at \$968.00 a day for: 65 days)	
Payroll Tax & Overheads:	\$62,070.58
Preliminary Engineering:	\$11,369.97
Construction Supervision:	\$17,762.32
Labor Total:	\$154,122.87
Project Cost:	\$309,258.94
Scrap / Salvage Credit:	\$0.00
Project Total:	\$309,258.94

Estimated on: 31-Jul-06

Estimated by: ndney

Estimate valid for 1 year from date of estimate



Norfolk Southern Railway

Highway Crossing Signalization Program - Material List

Do not substitute items without permission from S & E Engineering

City:	SPRINGFIELD
Road:	13TH ST. & RESERVOIR
Mile Post:	DH-413.22
Drawing Number:	SFDH41321
State Project Number:	
County:	SANGAMON
A A R Number:	479312J
Project Number:	04.0563
File Number:	061-04.0215
A F E Number:	F03309
Store Number:	07630
Supervisor:	D.J. HOLLINGSEAD
Tax Code:	1200
Vendor to supply the following copies after pricing: 1 Set - Material Management with original Invoice 2 Sets - with plans shipped in car with material 1 Set - S&E Gen. Supt. Construction w/copy of invoice	

Location: SPRINGFIELD				IL	S&E Proj. No.: 04.0563	AFE No.: F03309	Drawing No.: SFDH41321				
Store No.: 07630					P.O Number:	Date Required:	Date Shipped:	Vendor: SW Signal Engineering Company			
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions		
3	670-360693-4	EA	\$5.04	\$15.12	AAR/DOT NUMBER PLATE/DECAL. ORDER 3 PER PROJECT. 60 DAY LEAD TIME. SUPPLIED BY STRAN.						
1	165-006505-4	EA	\$1,051.54	\$1,051.54	AC SERVICE, COMPLETE LESS METER BASE, ASSEMBLED ON 30' POLE						
13	105-871901-4	EA	\$161.57	\$2,100.41	BATTERY GNB 265AH MODEL 50A11 SINGLE CELL 2.25 VOLTS						
2	670-980689-4	EA	\$71.71	\$143.42	BRACKET HIGH WIND. (RIGID 3'), WIG- 191036, WALRUS TUSK TYPE						
2	670-561375-4	EA	\$1,197.90	\$2,395.80	BRACKET, GATE SAVER, NEG385102GS, SPRING LOADED SWING AWAY ADAPTER FOR FIBERGLASS/ALUMINUM GATES, USE WITH GATE 28' AND LESS						
1	670-356949-4	EA	\$97.00	\$97.00	CABLE, 10' GENERATOR HOOK UP, SERRMI P/N 40524, FEMALE CONNECTOR						
400	465-292862-4	LF	\$1.04	\$416.00	CABLE, U-2-6 TWISTED, S-23 OKONITE 113-12-3933 SOLID TINNED CONDUCTOR						
400	465-292929-4	LF	\$3.05	\$1,220.00	CABLE, U.G. 5 COND. NO. 6 AWG SOLID COPPER CABLE TO MEET NS CORP. SPEC. FOR SIGNAL						
400	465-939422-4	LF	\$2.55	\$1,020.00	CABLE, UG 12 CONDUCTOR NO 14 AWG SOLID EACH CONDUCTOR WITH 5/64 IN INSULATION 10 MIL						
300	465-791835-4	FT	\$2.22	\$666.00	CABLE, UG AC ENTRANCE 3C#6-7X OKONITE FMF-L 094-078 TR W/G 1 X 8 7X W010 BRZ TAPE 600V PRODUCT CODE 206-11-6070						
180	165-544477-4	FT	\$2.55	\$459.00	CONDUIT, 4"x10' PVC, SCHEDULE 80 BELL CONNECTOR AT ONE END, 1/2 PT. GLUE IN KIT 670-123298-4						
30	670-100000-4	EA	\$2.00	\$60.00	CONDUIT, PRE-EMPTION - STATE OF ILLINOIS, 4" x 10' PVC						
2	670-090450-4	EA	\$50.38	\$100.76	CONNECTOR, WELDED FAR RAIL HARMON A1000-2W						
2	670-486646-4	EA	\$41.62	\$83.24	CONNECTOR, WELDED NEAR RAIL HARMON A1000-1W						
2	670-793404-4	EA	\$838.37	\$1,676.74	COUNTERWEIGHT PKAGE, 17-24' GATE STRAN S- MECH ONLY, STAINLESS, TO INCLUDE HUB, SUPPORT ARMS						
4	670-760012-4	EA	\$40.02	\$160.08	COVER, FOR 1 WAY FLASHING LIGHT ASSY. 18 OZ. BLACK VINYL COATED NYLON. ==== TO COVER 2 LAMPS ===						
1	670-986650-4	EA	\$375.69	\$375.69	DISPOSAL, CONSTRUCTION DEBRIS AND CLEANING XING EQUIPMENT CONTAINER						
APPROVED BY STATE				APPROVED BY RAILROAD				CAR NUMBER		SEAL NUMBER	

Location: SPRINGFIELD		IL	S&E Proj. No.: 04.0563	A/E No.: F03309	Drawing No.: SFDH41321	Vendor: SW Signal Engineering Company			
Store No.: 07630			P.O.Number:	Date Required:	Date Shipped:				
Qty.	Class-Item-CD	UI	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
1	670-000004-4	EA	\$700.00	\$700.00	FCC LICENSE FOR MONITOR/RADIO				
6	670-000003-4	EA	\$255.85	\$1,535.10	FILL/STONE #57. QUANTITY IS BASED ON TRUCK LOAD PLUS DELIVERY COST				
2	670-015231-4	EA	\$423.50	\$847.00	FOUNDATION DIXIE S-2 GATE 56" ASSEMBLED				
2	670-257031-4	EA	\$297.88	\$595.76	GATE, ARM FIBERGLASS-ALUMINUM 17-24 FT., INCLUDES GATE GUARD FOR GATE LIGHT CABLE. NEG P/N 8002-244NFS/CG				
1	670-477991-4	EA	\$317.90	\$317.90	KIT, GROUNDING ASSY FOR ALIUS INCLUDES 8 GRD RDS, 200' #4 WIRE, 12 4 WIRE ONE SHOTS. ERICO SBK206				
1	670-123298-4	EA	\$256.93	\$256.93	KIT, HARDWARE SUPPLIES REQUIRED XING PKGAGES. WEB CONNECTORS FOR SHUNT(8EA) TAPE, AMPS, P/GUM PAINT, SLEEVES, TAGS, GLUE, 100 EA WHITE TAGS, 1NE CAN BLUE MARKING PAINT ETC...				
2	670-764166-4	EA	\$907.65	\$1,815.30	LAMP ASSY, 5" MAST MTG 2W IND. 20" BKGRD, FLX-12 W/BULB STRAN #042003-487XNS				
6	165-643547-4	EA	\$4.30	\$25.80	LAMP, 18 WATT 10 VOLT S-11 SC BAY 18S11/1SC CLEAR RWY SIGNAL UJ-71463 GE				
4	255-590880-4	EA	\$16.12	\$64.48	LOCK, AMERICAN LOCK MODEL H-10KA KEYED ALIKE TO PRIVATE KEYWAY D456 AND STAMPED "NS SIG"				
2	670-637778-4	EA	\$1,031.41	\$2,062.82	MAST, 5" ALUMINUM 13'10" WITH DOUBLE JCT. BOX BASE. STRAN P# 070519-11AX.				
2	670-521147-4	EA	\$2,932.81	\$5,865.62	MECHANISM, GATE MODEL S40, WITH CONTACT HEATER, COMPLETE W/RELAY STRAN # 074000-W00090				
4	670-001347-4	EA	\$63.27	\$253.08	PACKAGE, HARDWARE SIGN 5 IN. MOUNTING, SERRMI A1250-5, HARMON @200965-000, OR				
1	255-646807-4	EA	\$10.38	\$10.38	PADLOCK, SAFETRAN PART NO. 030399-29X SCREW TYPE FOR CIR CONTROLLER AND BTY. BOX				
1	670-514605-4	EA	\$8.45	\$8.45	PINNACLE, W-C SECT 1-11, 4" & 5" REF K1 110-8 OR SAFETRAN NO. @035045-503X				
1	165-902002-4	EA	\$308.00	\$308.00	PROTECTOR, SURGE 120/240VAC, ERICO P/N EPD120/240TDFL				
4	465-002899-4	EA	\$22.06	\$88.24	REEL, CABLE DISPOSABLE FOR CROSSING SIGNAL PACKAGES				
2	435-805560-4	EA	\$6.25	\$12.50	SAND, 25LB BAG FOR CABLE ENTRANCE INTO THE SHELTER				

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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Monday, July 31, 2006 1:50 PM

Location: SPRINGFIELD			IL	S&E Proj. No.: 04.0563	AFE No.: F03309	Drawing No.: SFDH41321			
Store No.: 07630			P.O. Number:		Date Required:	Date Shipped:	Vendor: SW Signal Engineering Company		
Qty.	Class-Item-CD	U/I	Price per Item	Total Price	Item Description	Quantity Shipped	Quantity Installed Date Quan.	Quantity Returned (Credit)	Special Instructions
1	670-391911-4	EA	\$5,329.57	\$5,329.57	SEARII AUTOMATED INSPECTOR SYSTEM KIT, w/ 1-ILOD, 1-BELL, 2-GTS, 2-MTSS, 1-GFT, 1-VHFC, 2-RECORDER INTERFACE MODULE, 1-ECHELON CONNECTOR				
1	670-281280-4	EA	\$7,006.00	\$7,006.00	SHELTER BARE 6X6, ALUMN. FARADAY, W/CABLE CHUTES BEHIND TERMINAL BOARD, W/GEN. CONN. W/ADJUSTABLE PIERS, SAFETRAN P/N 058400-66-78A				
2	670-586967-4	EA	\$37.68	\$75.36	SHUNT COVER W/LAG SCREWS, 19"X19", SERRMI #40271, ORDER 1 PER SHUNT				
2	670-645460-4	EA	\$596.03	\$1,192.06	SHUNT, MULTI-FREQ. #62775-8621 SAFETRAN NARROW BAND				
2	670-393331-4	EA	\$37.43	\$74.86	SIGN CROSSING MALFUNCTION ASSEMBLY FOR 4" AND 5" MAST, SAFETRAN #T17215				
2	670-806648-4	EA	\$56.42	\$112.84	SIGN, X-BUCK, LESS HARDWARE, SAFETRAN 035200-X CR 02-490546				
2	670-751511-4	EA	\$35.58	\$71.16	SIGN, "1" TRACK, LESS HARDWARE SAFETRAN# 035207-1X				
2	670-006438-4	EA	\$11.09	\$22.18	TAPE, 4" X 96" REFLECTIVE APPLY TO BACK OF X-BUCK SIGN. ONLY IN IA, IN, IL, AL. 035200-555X				
1	670-330382-4	RL	\$11.50	\$11.50	TAPE, THOR 3" DURATEC, ORANGE 1000' LENGTHS. "WARNING STOP DIGGING"				
1	670-258957-4	EA	\$25,580.50	\$25,580.50	WIRED RACK, 6X6 FARADAY, 20AMP SINGLE TRK SSCCIIIA, GCP3000D2, 2 CRAGG CHARGER, 2 RELAY RACKS, SAFETRAN P/N 20A 1TRK, USE WITH I/S 670-281280-4 W/CABLE CHUTES BEHIND THE FARADAY SHIELD				

Total Material: \$66,284.19

APPROVED BY STATE	APPROVED BY RAILROAD	CAR NUMBER	SEAL NUMBER
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